

**PERMIT APPLICATION: NRS 08.143**

**APPLICANT:** M. Denis Peterson, City Manager  
City of Johnson City  
601 East Main Street  
Johnson City, TN 37605  
(423) 434-6002

**LOCATION:** Project is located in the Iris Glen Environmental Center located north of East Main Street and just south of Brush Creek; Johnson City, Washington County.

**WATERSHED DESCRIPTION:** Surrounding land use is the existing landfill, railroad yards to the north-northwest and residential to the east and south. The wetland area proposed to be impacted is not exceptional Tennessee waters. It is dominated by cattail, black willow and Japanese stilt grass. The wetland area is near the headwaters to Brush Creek which is identified as a Category 5 stream on the final 2008 303(d) list. The pollutants exceeding standards are nitrates, loss of biological integrity due to siltation and other anthropogenic habitat alterations. The proposed project lies within the Watauga Watershed HUC 08010103.

**PROJECT DESCRIPTION:** The applicant proposes to construct a structural berm to support the previously permitted Cell 6A. There are 0.3 acres of non-isolated jurisdictional wetlands that will be filled to construct a berm. An alternatives analysis lists this as the preferred alternative due to less environmental impacts, the existing and proposed cells are within the previously permitted limit of waste and will expand the life on the landfill approximately 9.7 years. The ability to expand onsite results in not having to locate a new site that would quite possibly have more significant environmental consequences.

Impacts to the wetland area cannot be avoided due to the fact that they exist in the middle of the most feasible expansion area. Due to the proximity of the wetland to the existing cells, the proposed Cell 6A structural support berm and the two steep adjacent slopes there is no minimization opportunity to wetland impacts.

Compensatory wetland mitigation shall occur at an approved wetland mitigation bank.

The Division of Water Pollution Control shall hold a Public Hearing on this application on Thursday, August 21, 2008, 6:00pm EDT at the Johnson City Power Board Auditorium, 2600 Boones Creek Road, Johnson City, TN 37615; (423) 952-5039. The notice for the Public Hearing is being jointly noticed with the application in this public notice.

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**PERMIT COORDINATOR:** Mike Lee

**TOPOGRAPHICAL QUADRANGLE:** Johnson City 198 SE  
Lat 36.333450 Long -82.329517

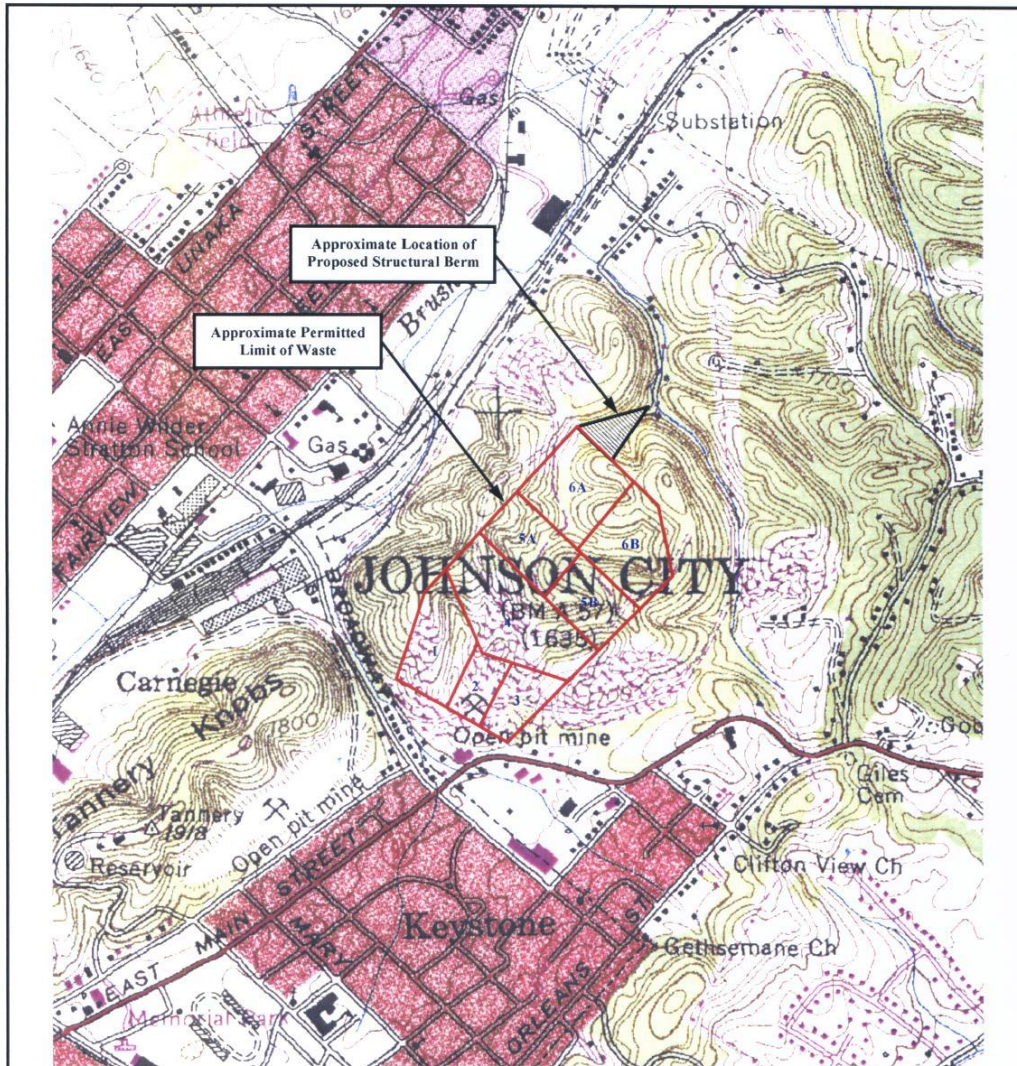
No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

The permit application and supporting documents are also available at the Division of Water Pollution Control, Johnson City Field Office, 2305 Silverdale Drive, Johnson City, TN. 37601; (423) 854-5400.

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.



**APPROXIMATE SITE LAYOUT**



SOURCE: U.S. Geological Survey, 7.5-Minute Topographic Map,  
Johnson City (198SE), Tennessee quadrangle



2525 Perimeter Place Drive  
Suite 136  
Nashville, Tennessee 37214  
Phone: (615) 832-0513

Iris Glen Environmental Center  
Cell 6A

Johnson City, Washington Co., Tennessee  
Prepared For:  
Waste Management, Inc. of Tennessee  
Nashville, Tennessee

Drawn By/Date: SRE 6/5/08

Checked By/Date: SAR 6/5/08

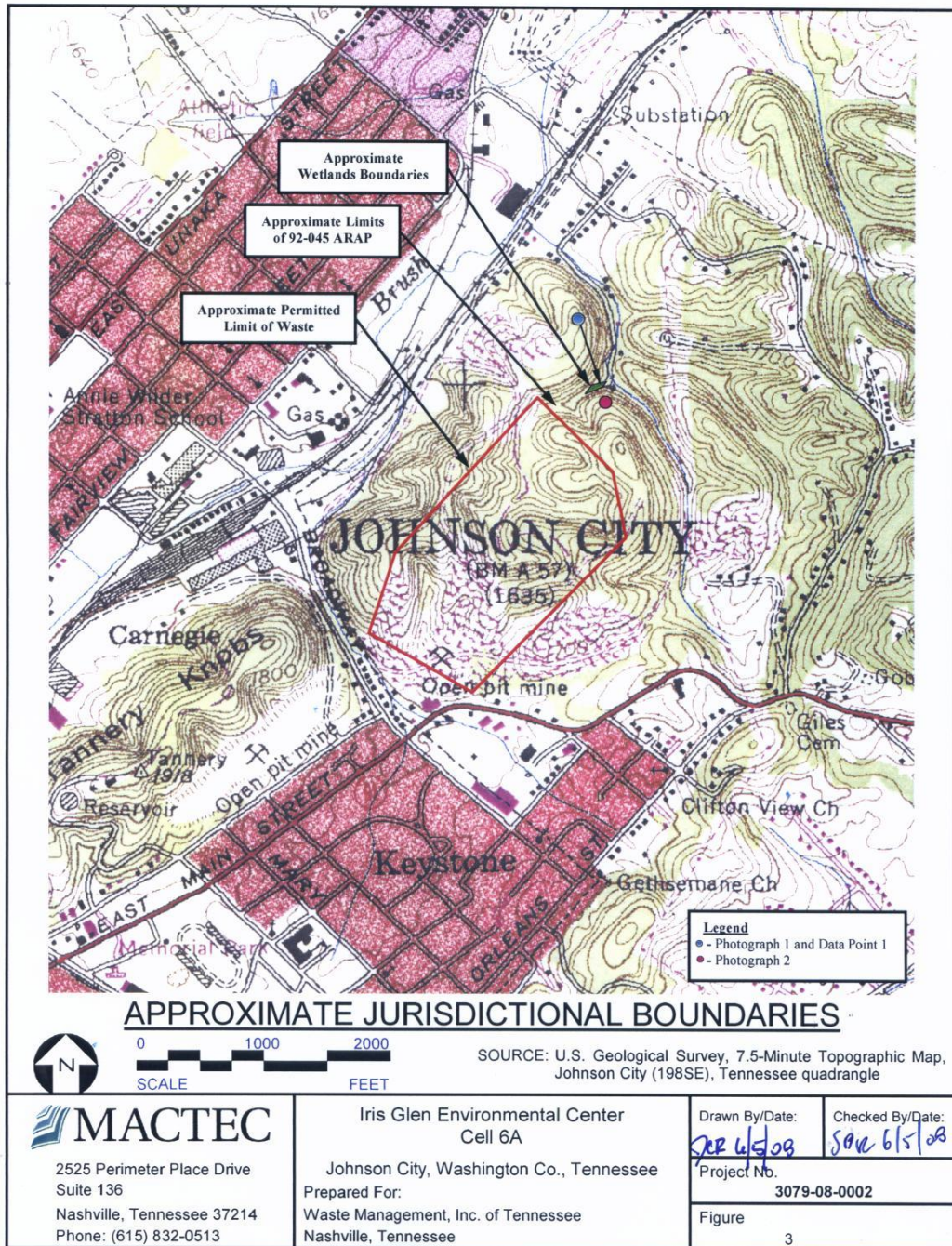
Project No.

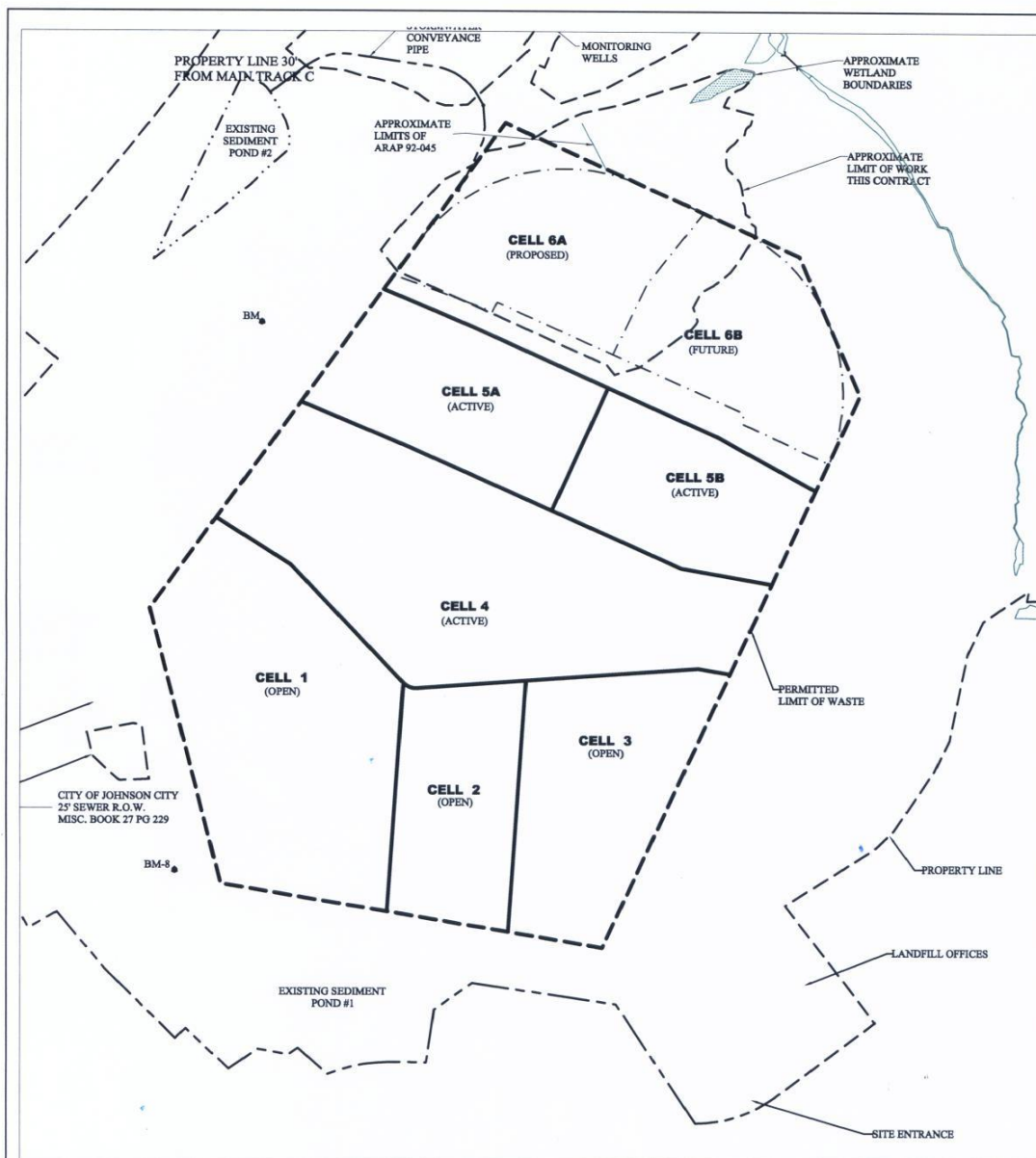
3079-08-0002

Figure

2







2525 PERIMETER PLACE DRIVE  
SUITE 136  
NASHVILLE, TENNESSEE 37214  
OFFICE: (615) 832-0513  
FACSIMILE: (615) 832-0983

## Cell Layout Iris Glen Environmental Center Cell 6A

CLIENT NAME: Waste Management, Inc. of Tennessee  
CLIENT ADDRESS: Johnson City, Washington County, Tennessee

SOURCE:  
STS Consultants, LTD., and  
MACTEC Engineering and Consulting, Inc.

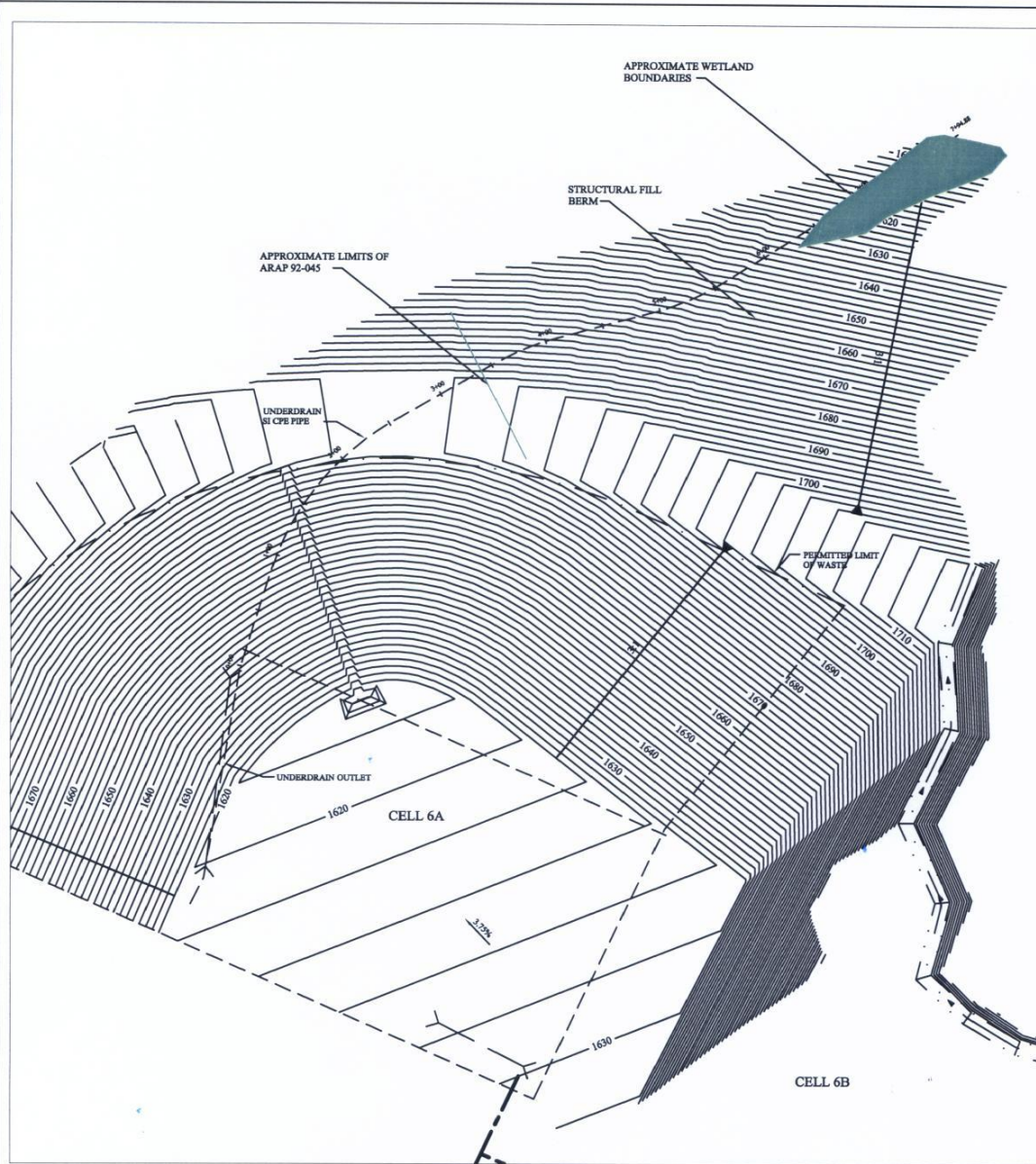
DRAWN BY: *ARW/08* CHECKED BY: *SAC/08*

PROJECT NUMBER: 3079-08-0002

DATE: June 5, 2008 FIGURE NO: 4

SCALE: NOT TO SCALE





2525 PERIMETER PLACE DRIVE  
SUITE 136  
NASHVILLE, TENNESSEE 37214  
OFFICE: (615) 832-0513  
FACSIMILE: (615) 832-0983

## Structural Berm Details Iris Glen Environmental Center Cell 6A

CLIENT NAME: Waste Management, Inc. of Tennessee  
CLIENT ADDRESS: Johnson City, Washington County, Tennessee

SOURCE: STS Consultants, LTD. and MACTEC Engineering and Consulting, Inc.  
DRAWN BY: OKR 4/5/08 CHECKED BY: SBK 6/5/08  
PROJECT NUMBER: 3079-08-0002  
DATE: June 5, 2008 FIGURE NO: 5  
SCALE: NOT TO SCALE

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*Individual ARAP Support Documentation*  
*Iris Glen Environmental Center, Johnson City, Washington Co., TN*

*June 5, 2008*  
*MACTEC Project No. 3079-08-0002*

8.3 Photographs of the resource(s) proposed for alteration with location description



**Photograph 1:** View of wetland area facing up-gradient (southwest)



**Photograph 2:** View of wetland area from atop adjacent slope; facing northwest

